

FIG. 1

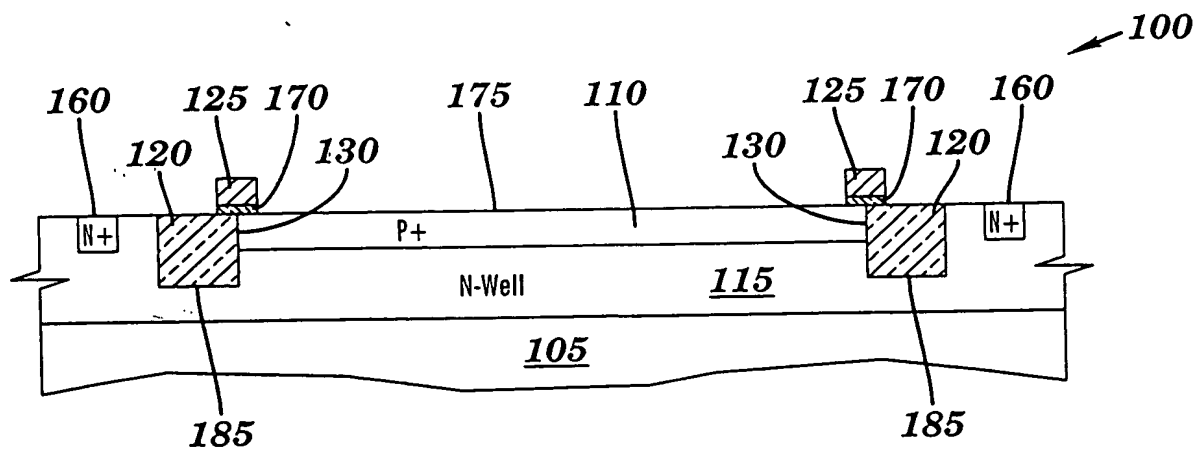


FIG. 2

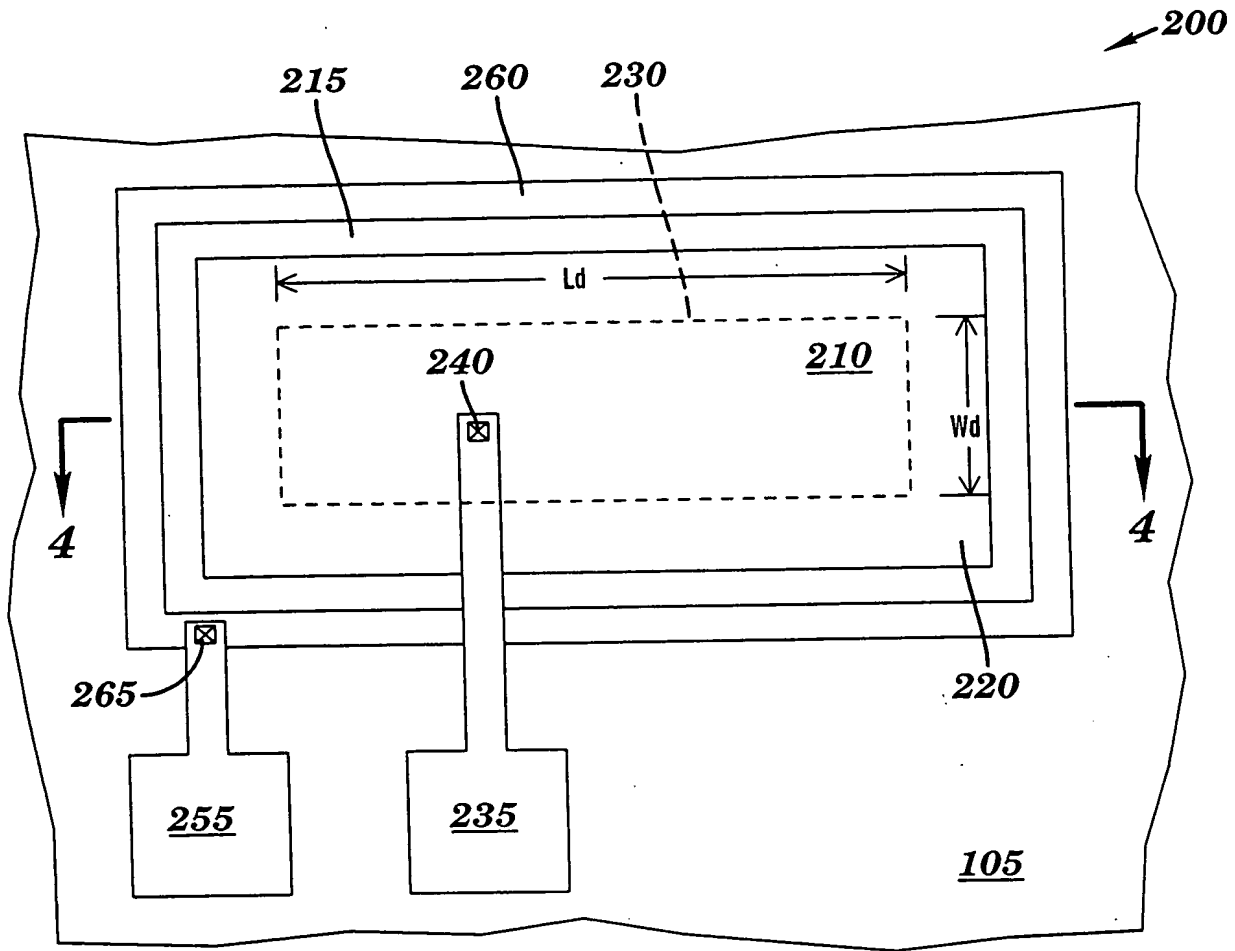


FIG. 3

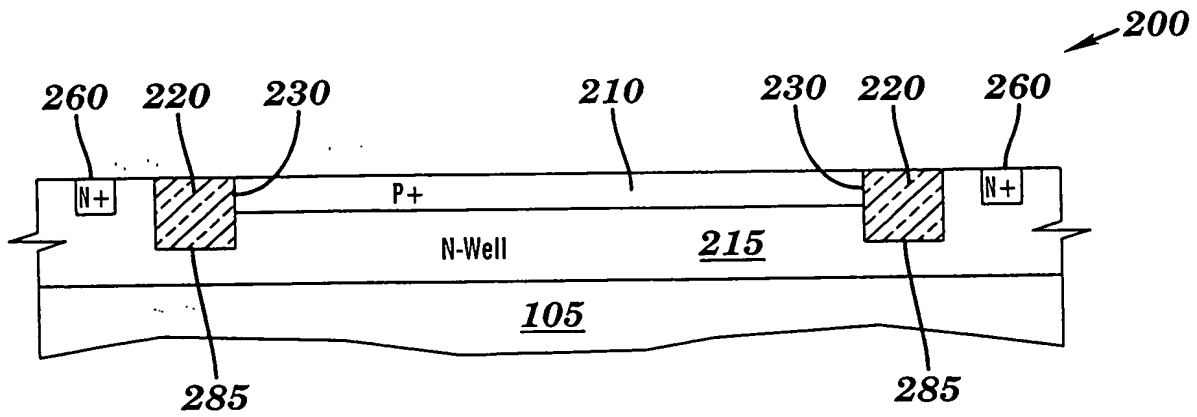


FIG. 4

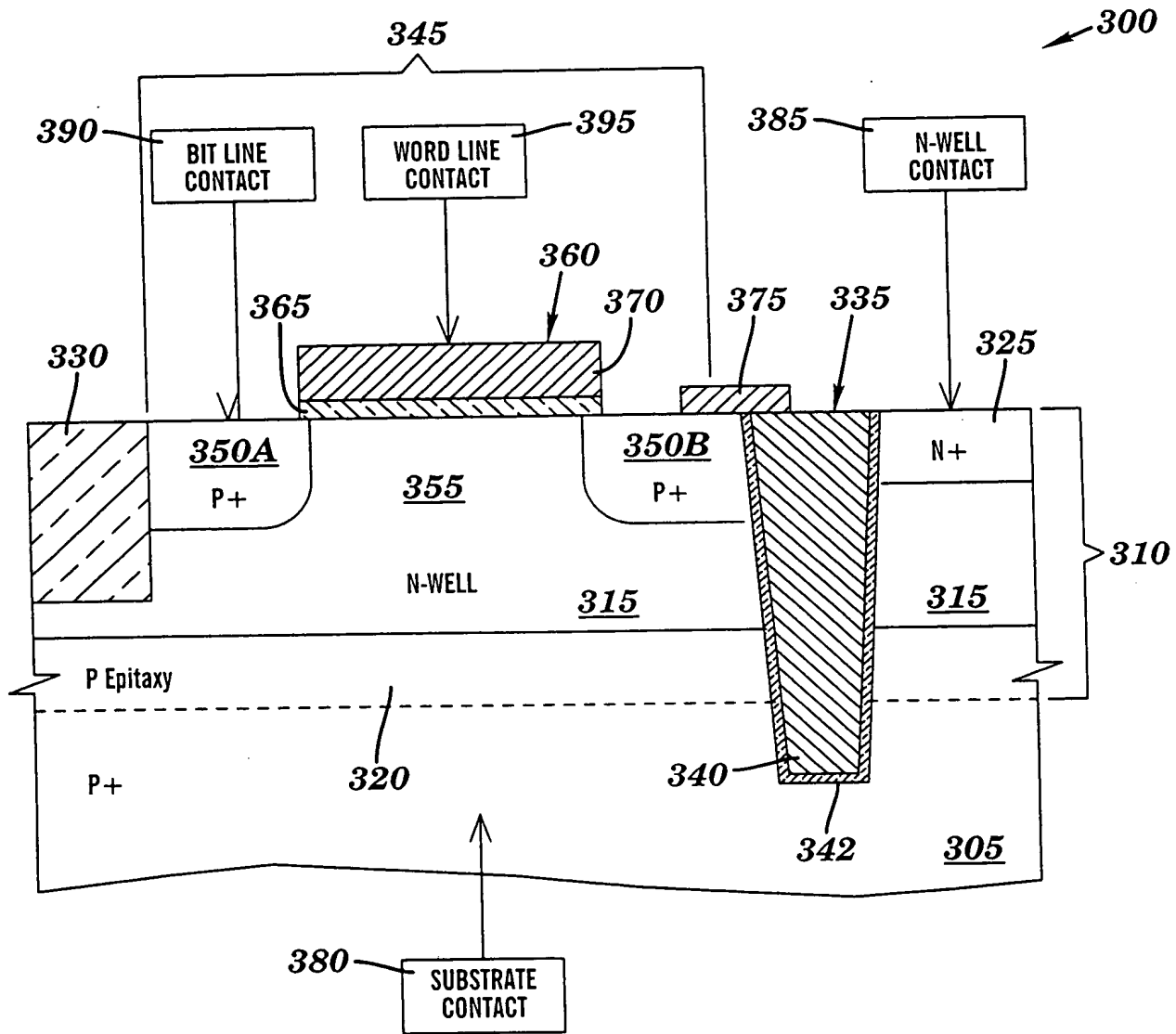


FIG. 5

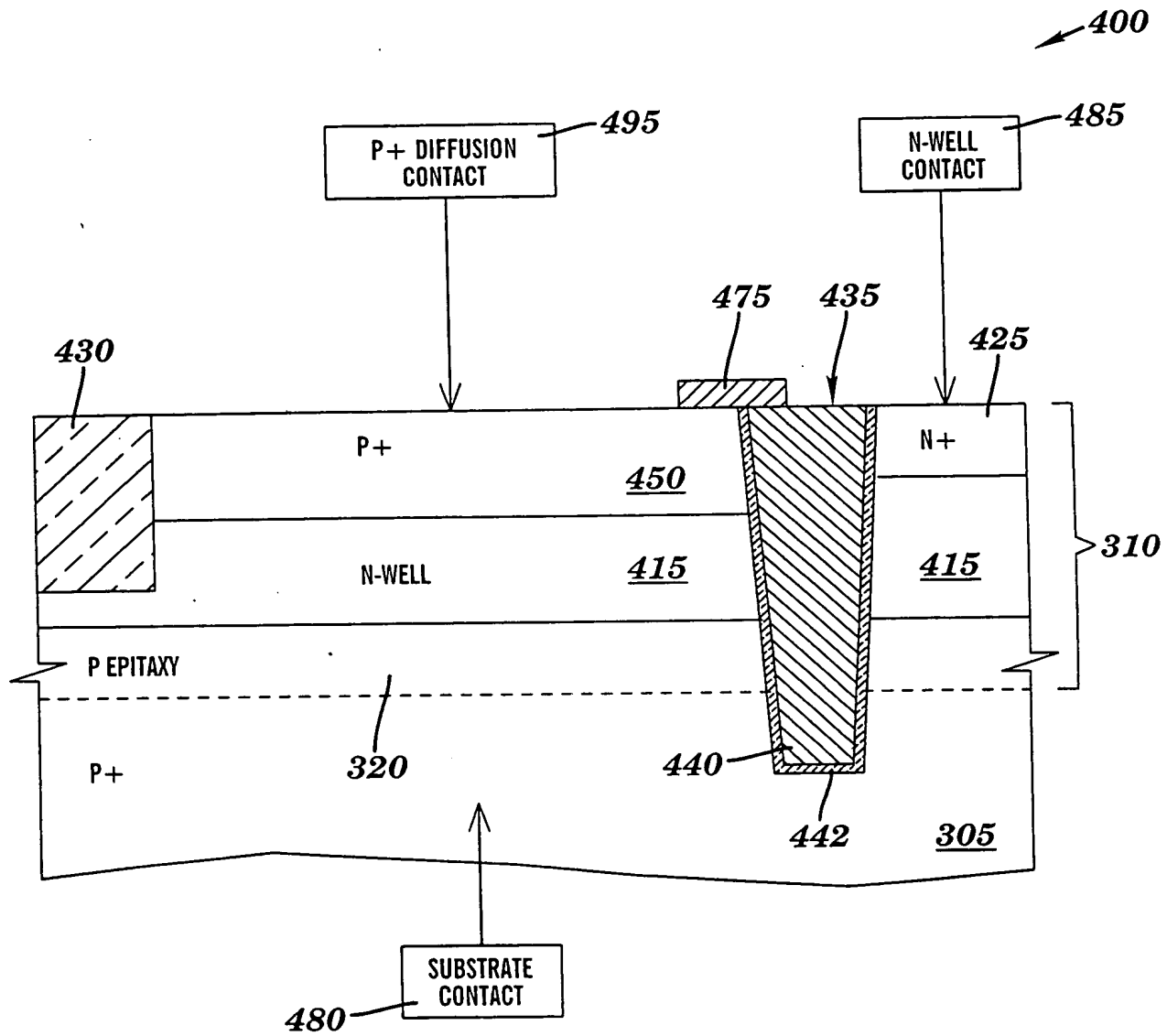


FIG. 6

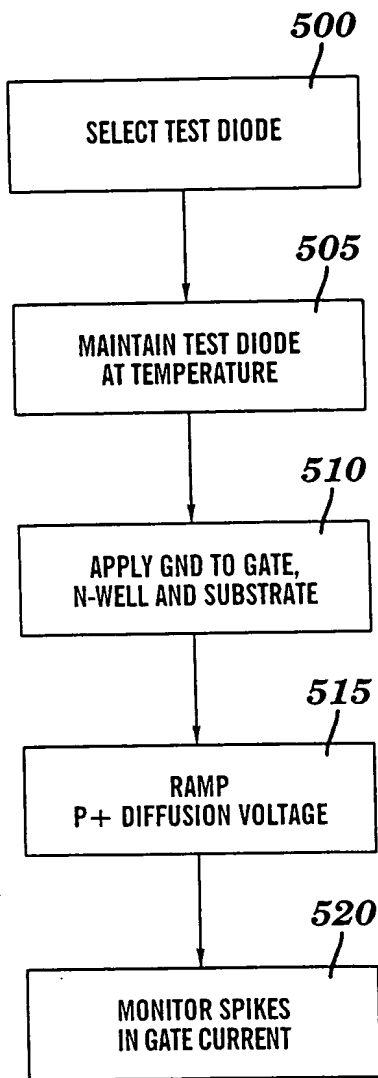


FIG. 7A

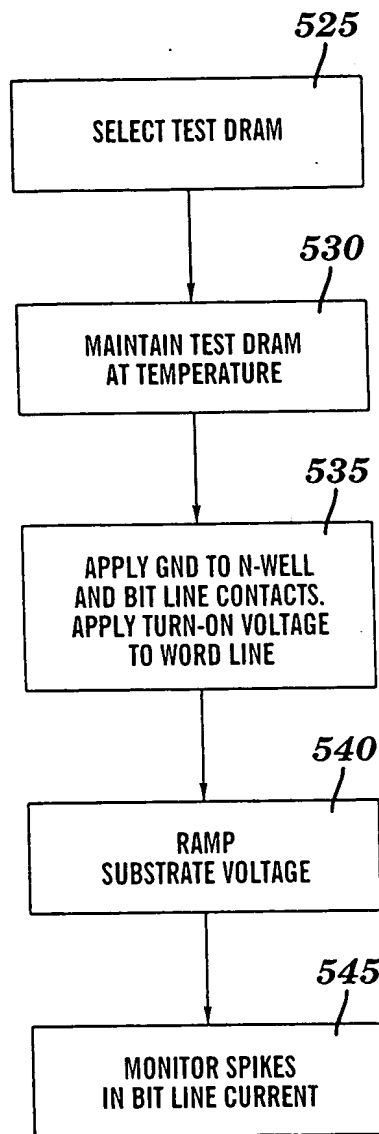


FIG. 7B

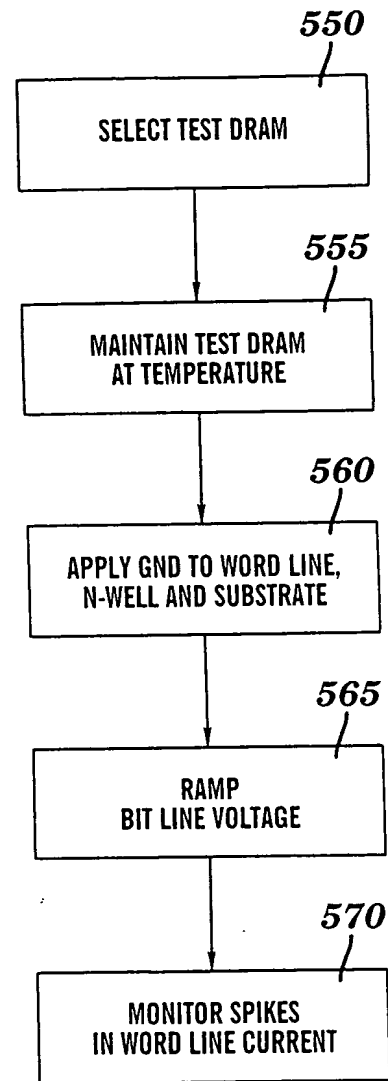


FIG. 7C

P+ POLYSILICON-BOUNDED DIODE WITHOUT STRESS-INDUCED DEFECTS

GATE AND DIFFUSION CURRENTS AT 180C AND 5nm THERMAL OXIDE

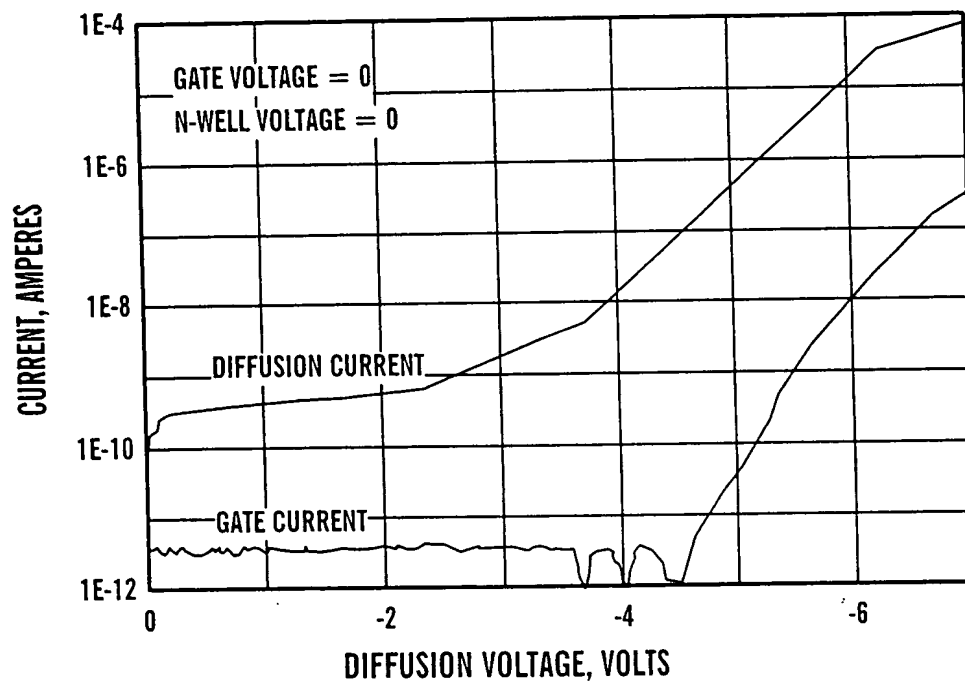


FIG. 8

P+ POLYSILICON-BOUNDED DIODE WITH STRESS-INDUCED DEFECTS

GATE AND DIFFUSION CURRENTS AT 180C AND 5nm THERMAL OXIDE

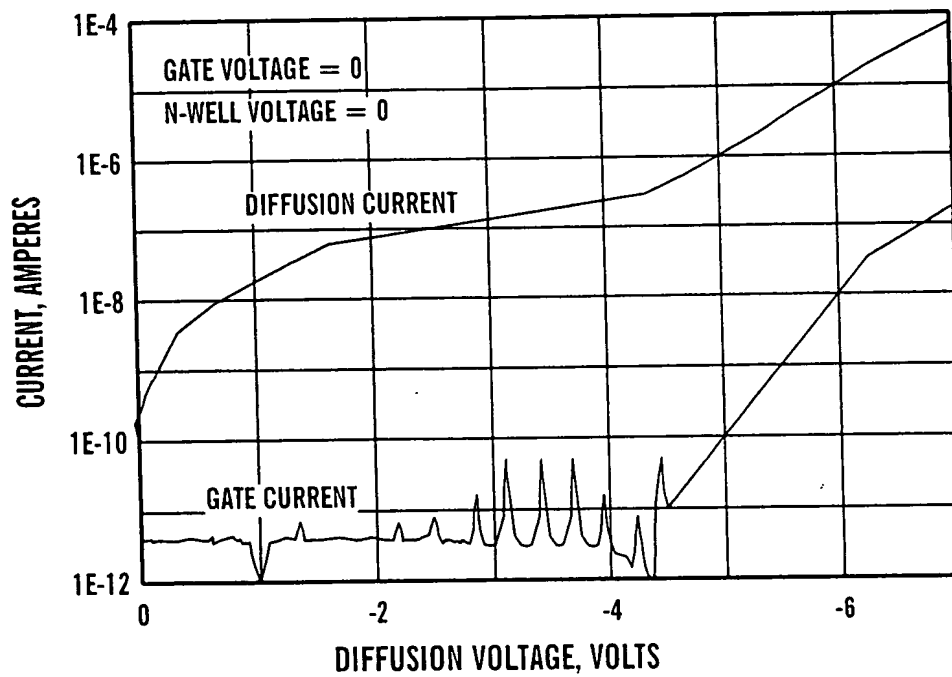


FIG. 9

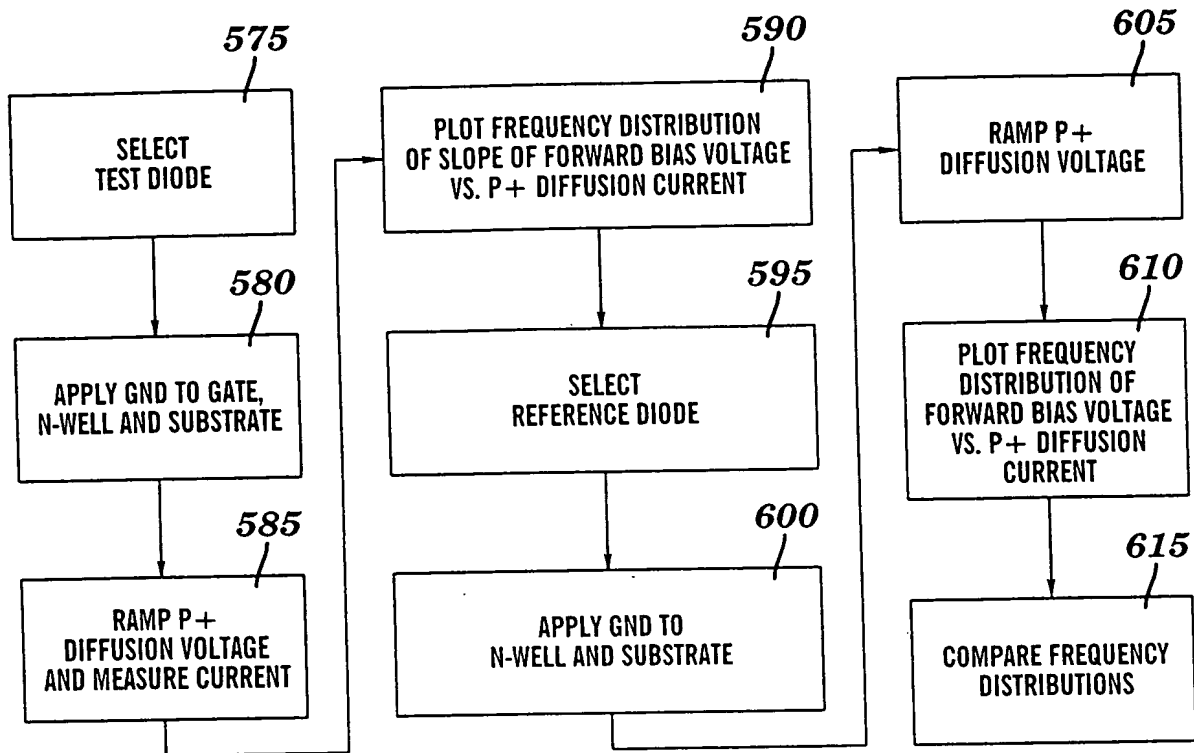


FIG. 10A

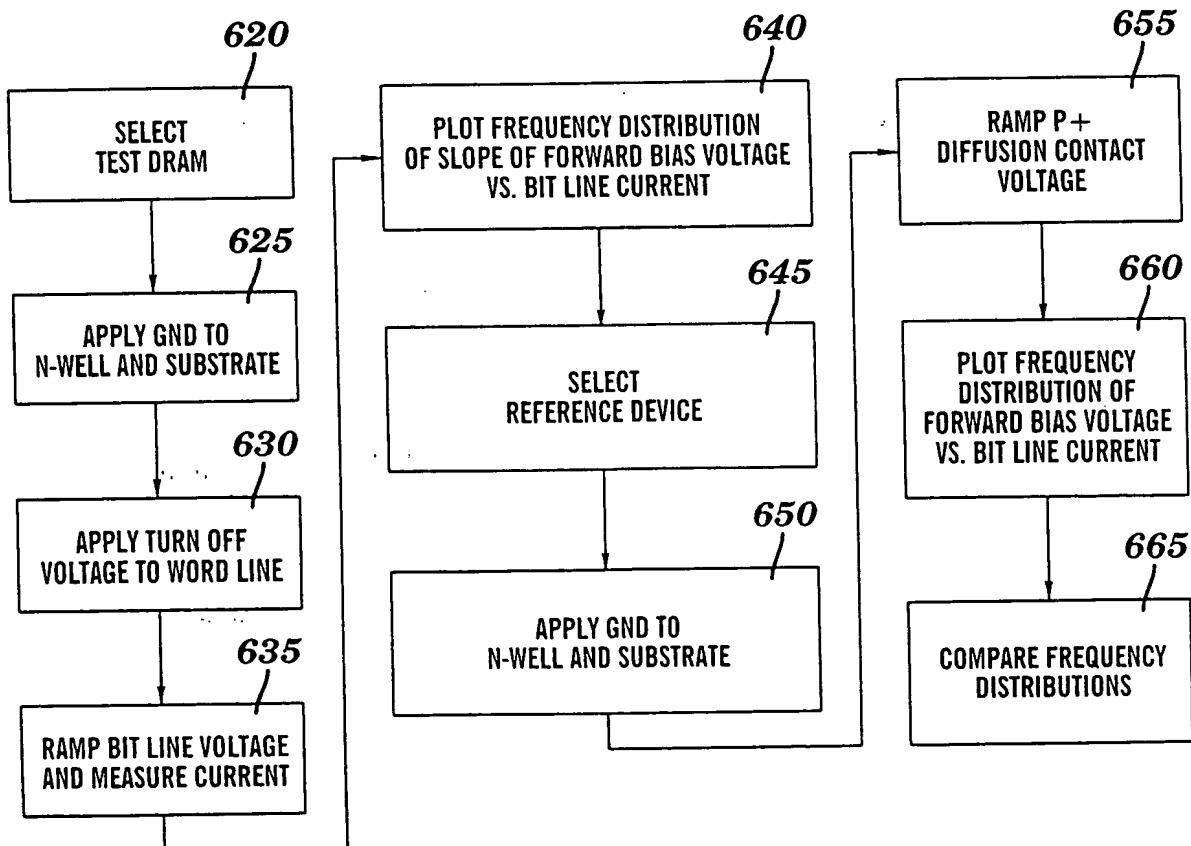


FIG. 10B

P+/N-WELL FORWARD BIASED POLYSILICON BOUNDED DIODE CURRENT VS. VOLTAGE

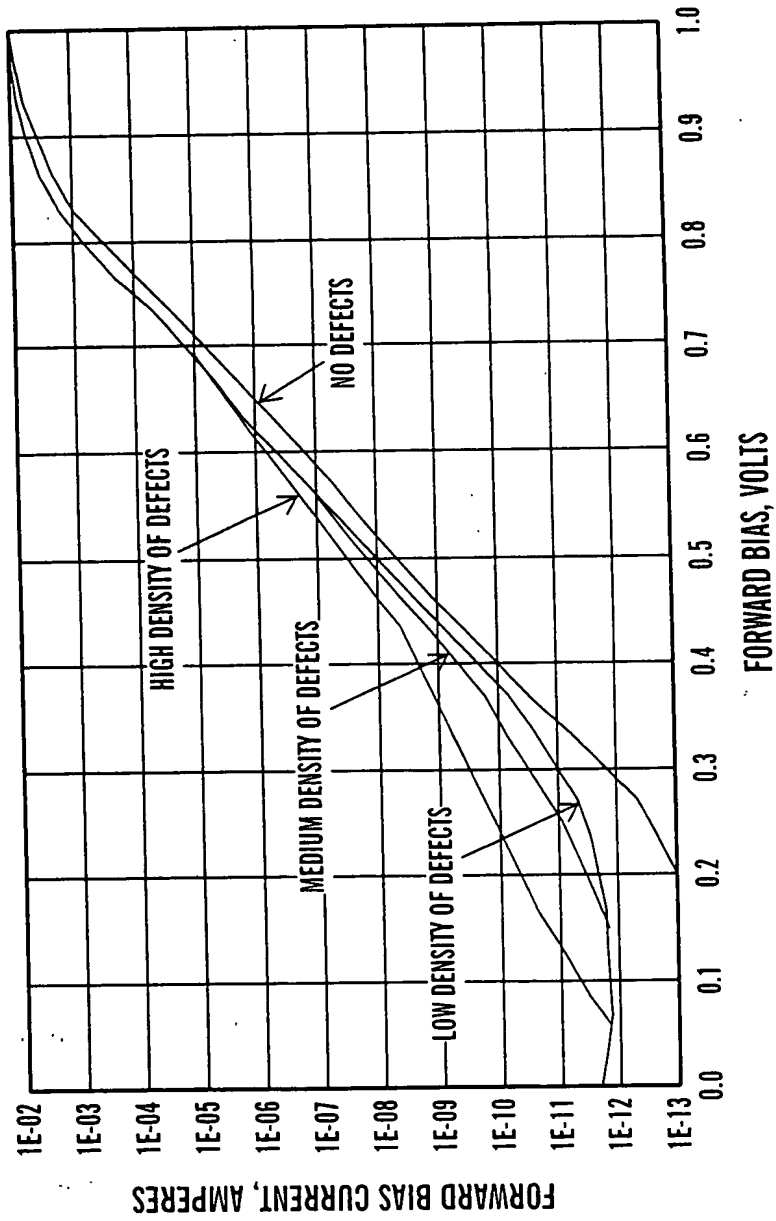


FIG. 11

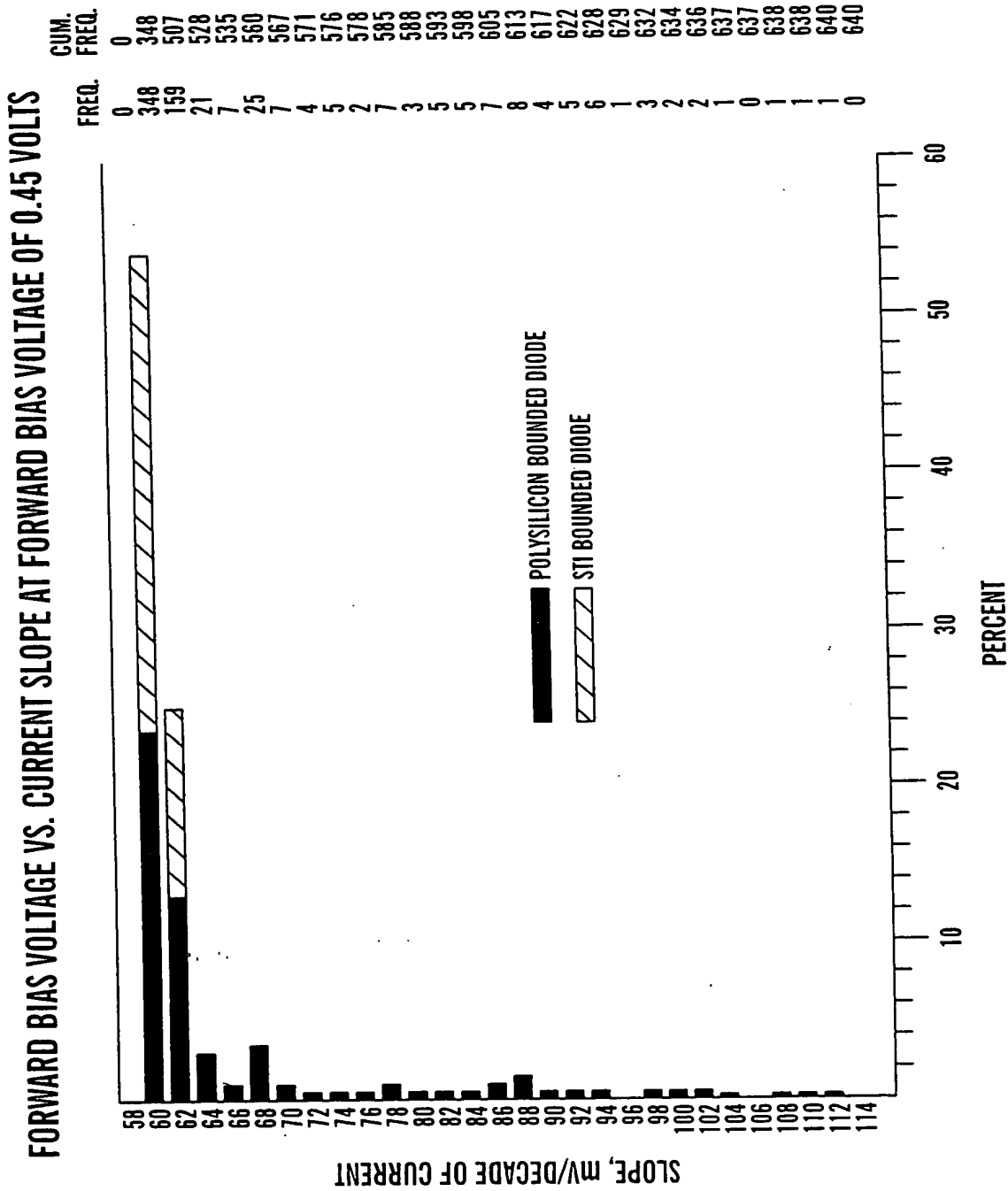


FIG. 12

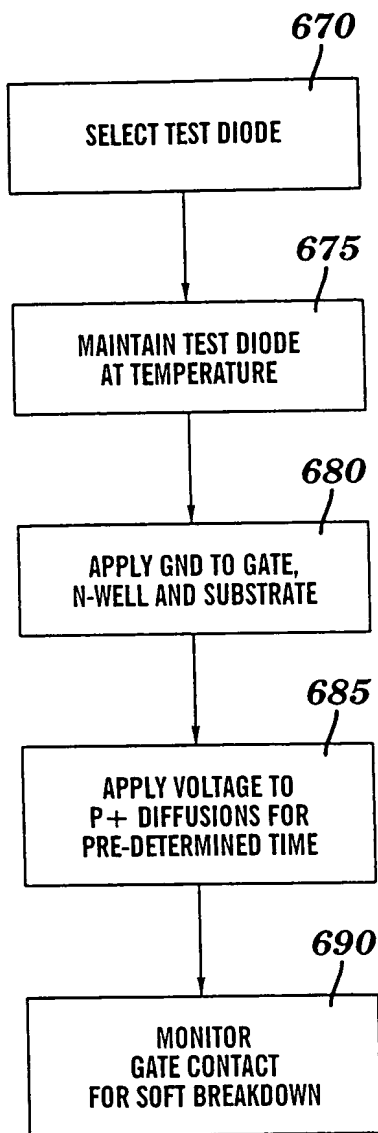


FIG. 13A

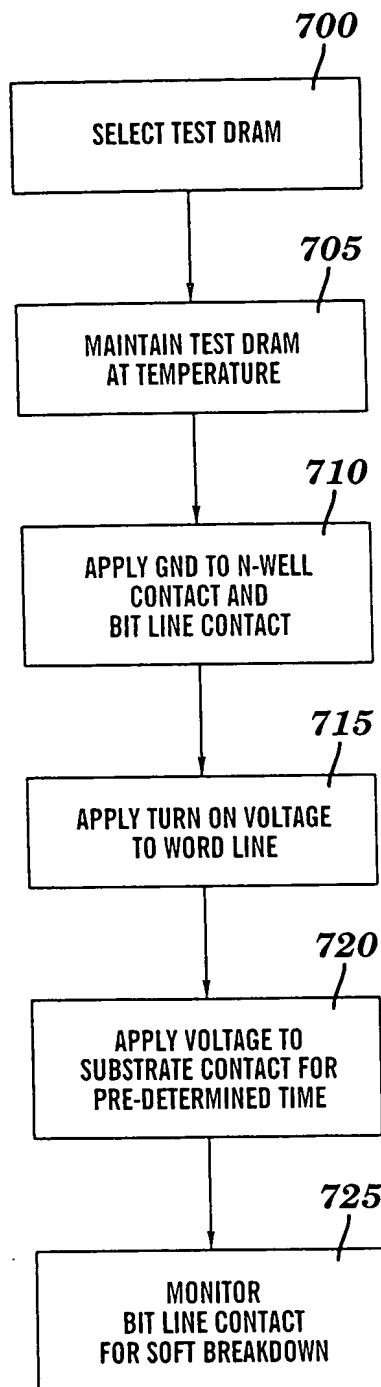


FIG. 13B

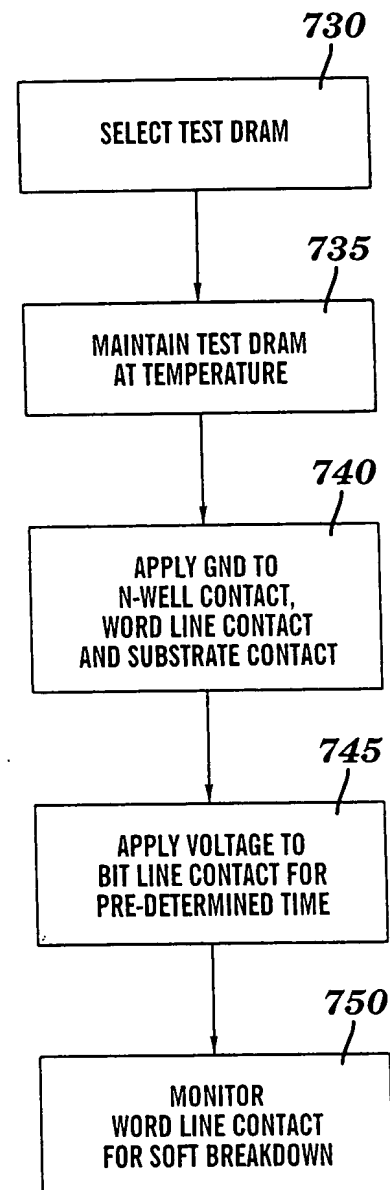


FIG. 13C

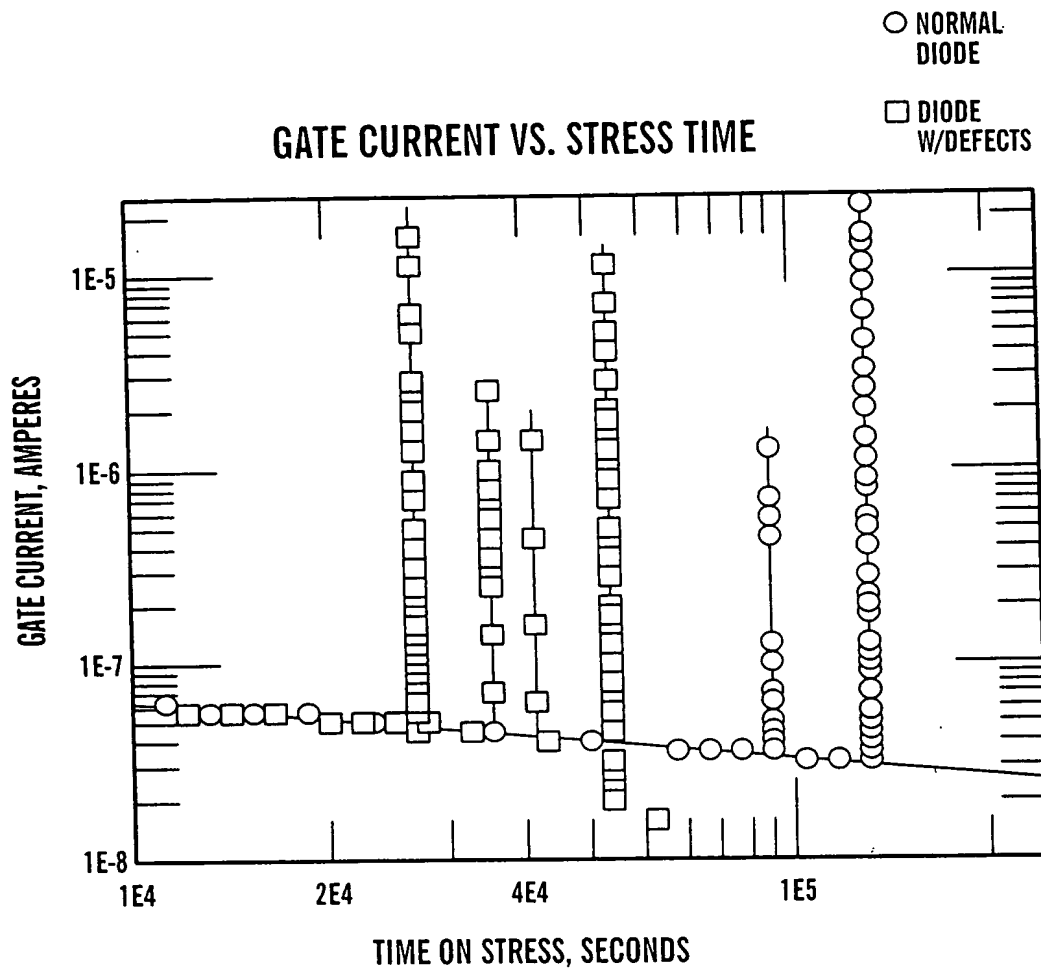


FIG. 14

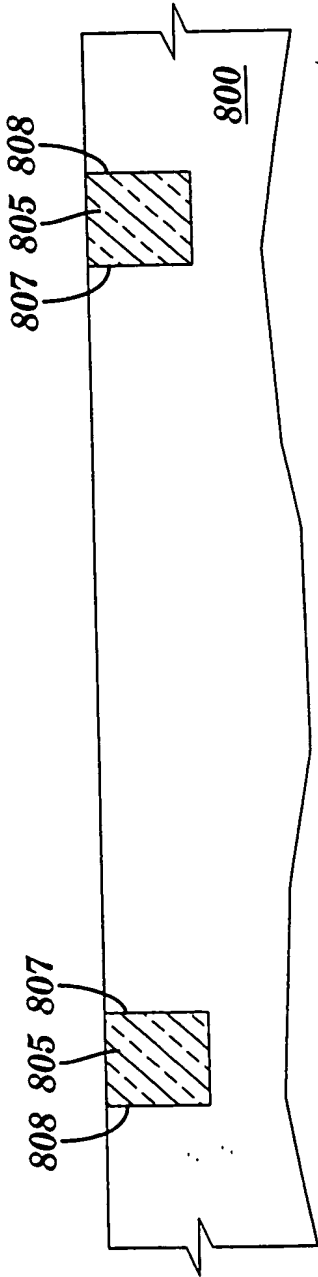


FIG. 15A

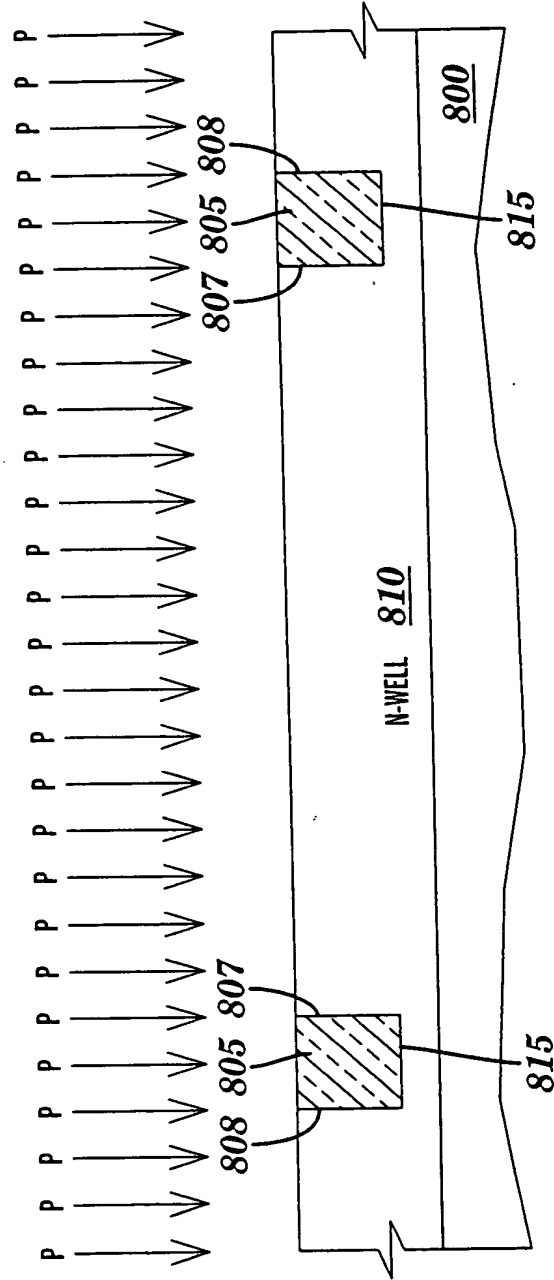


FIG. 15B

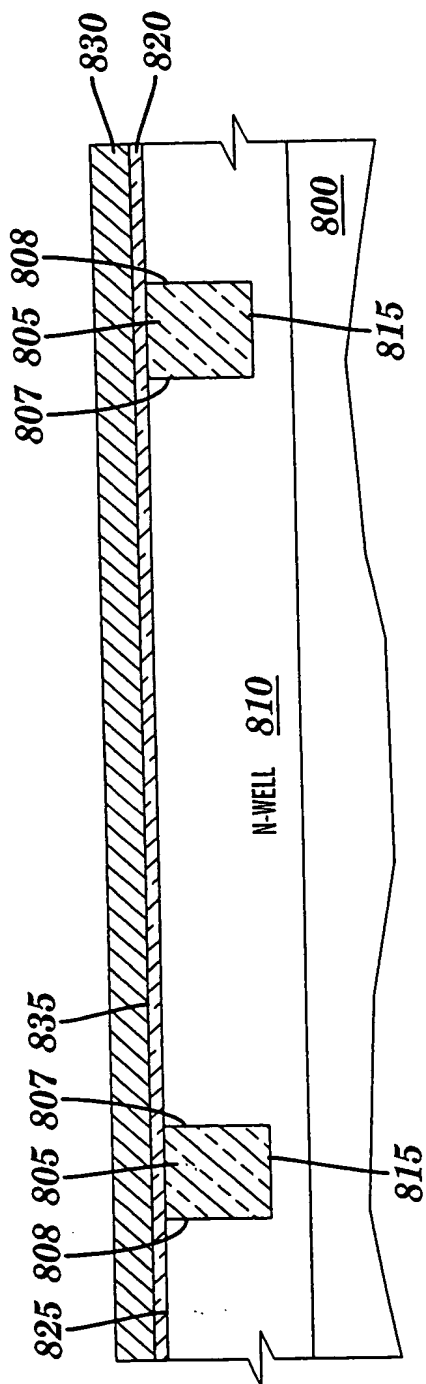


FIG. 15C

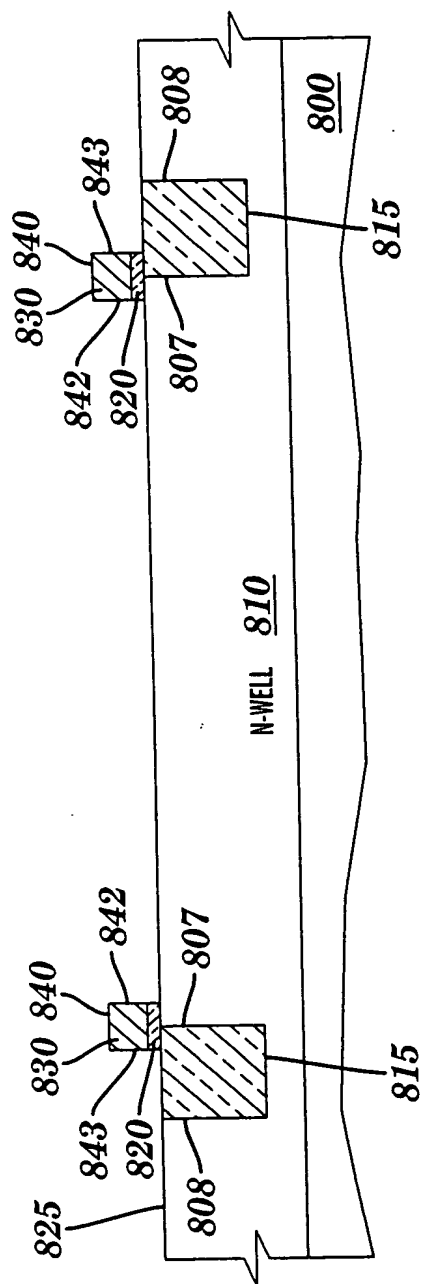
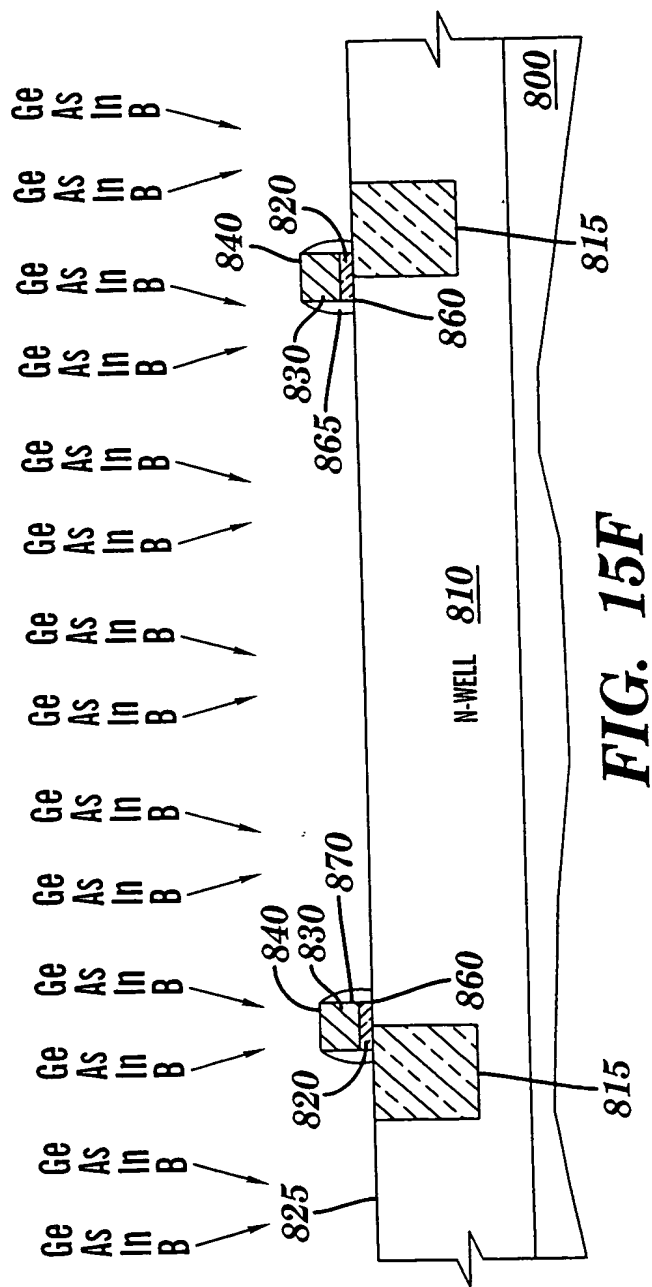
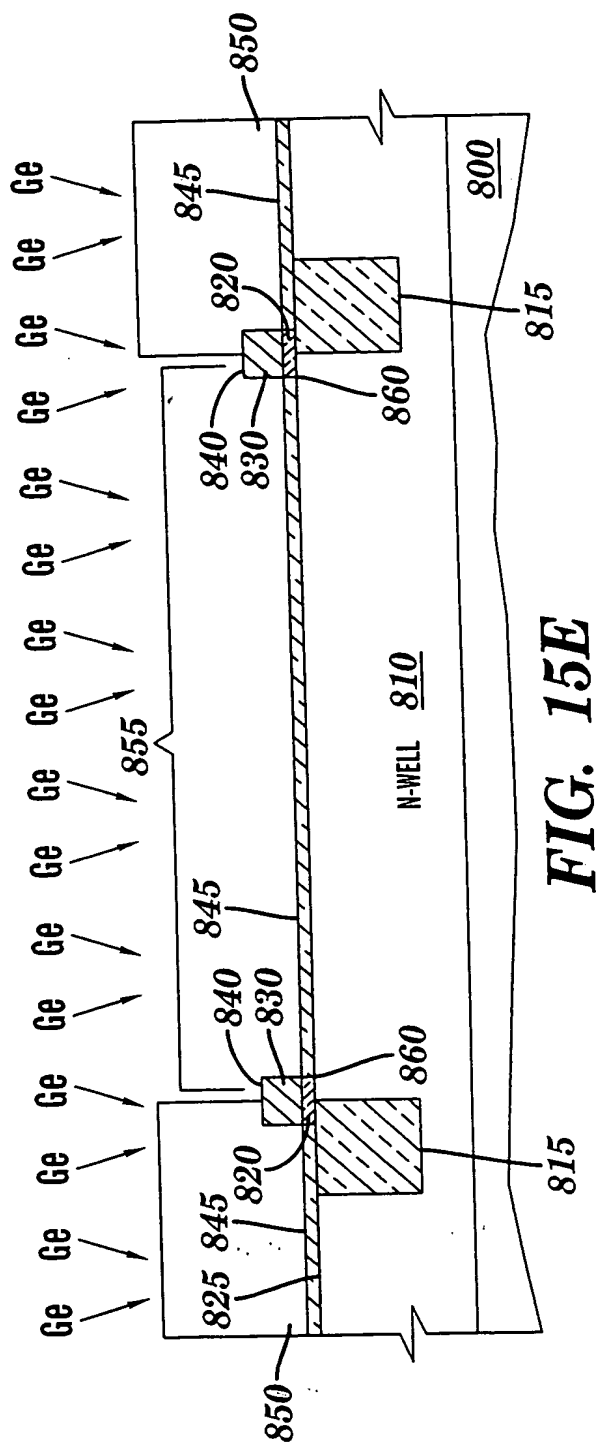
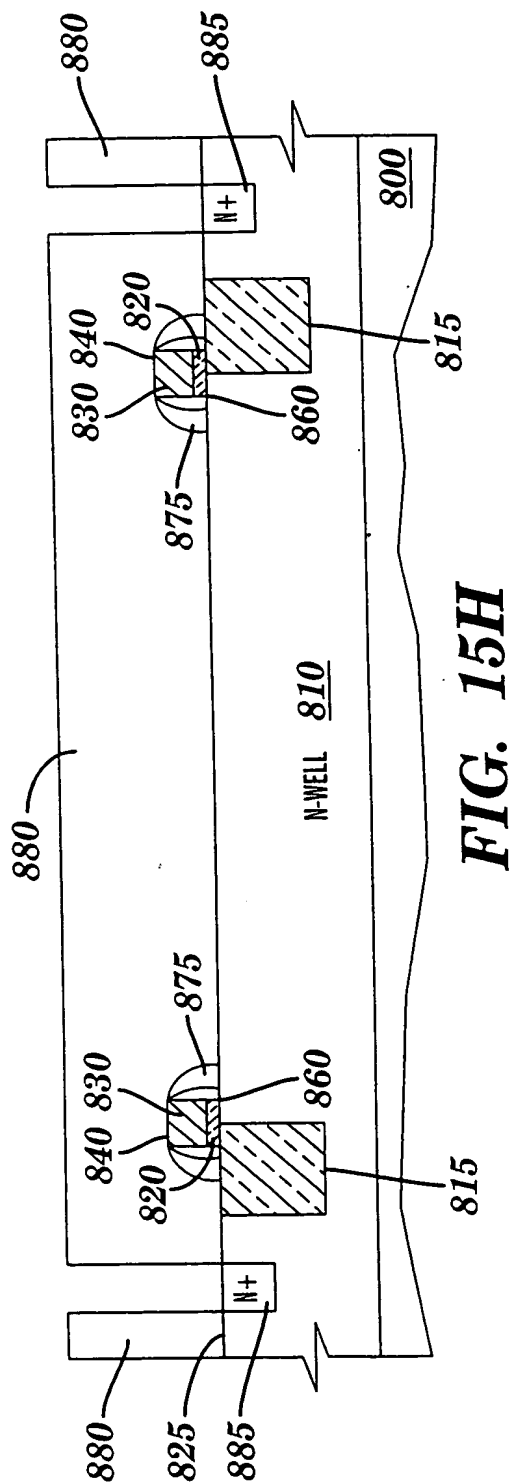
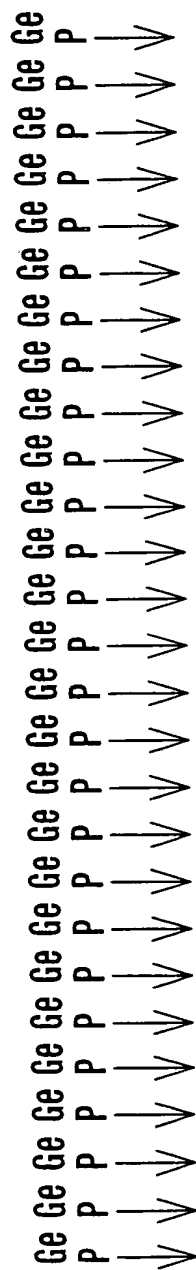
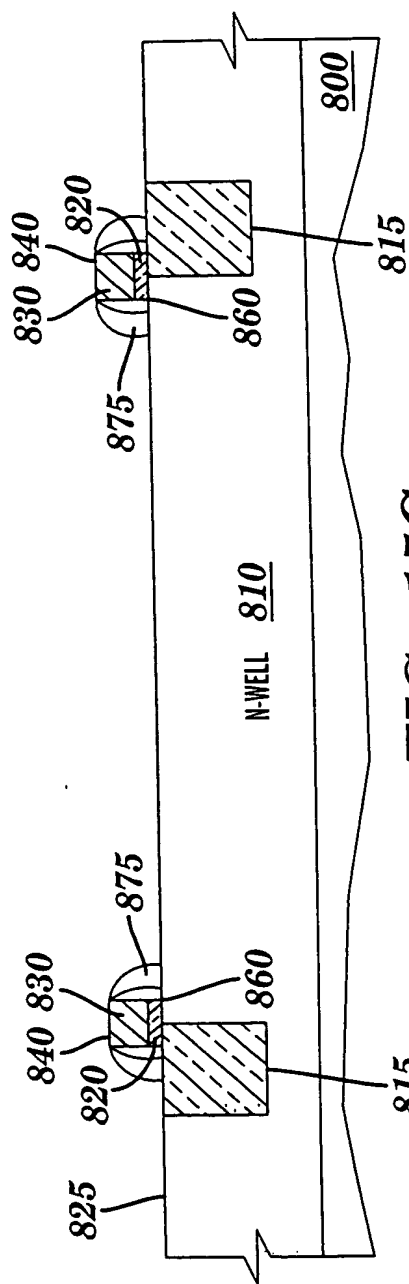


FIG. 15D





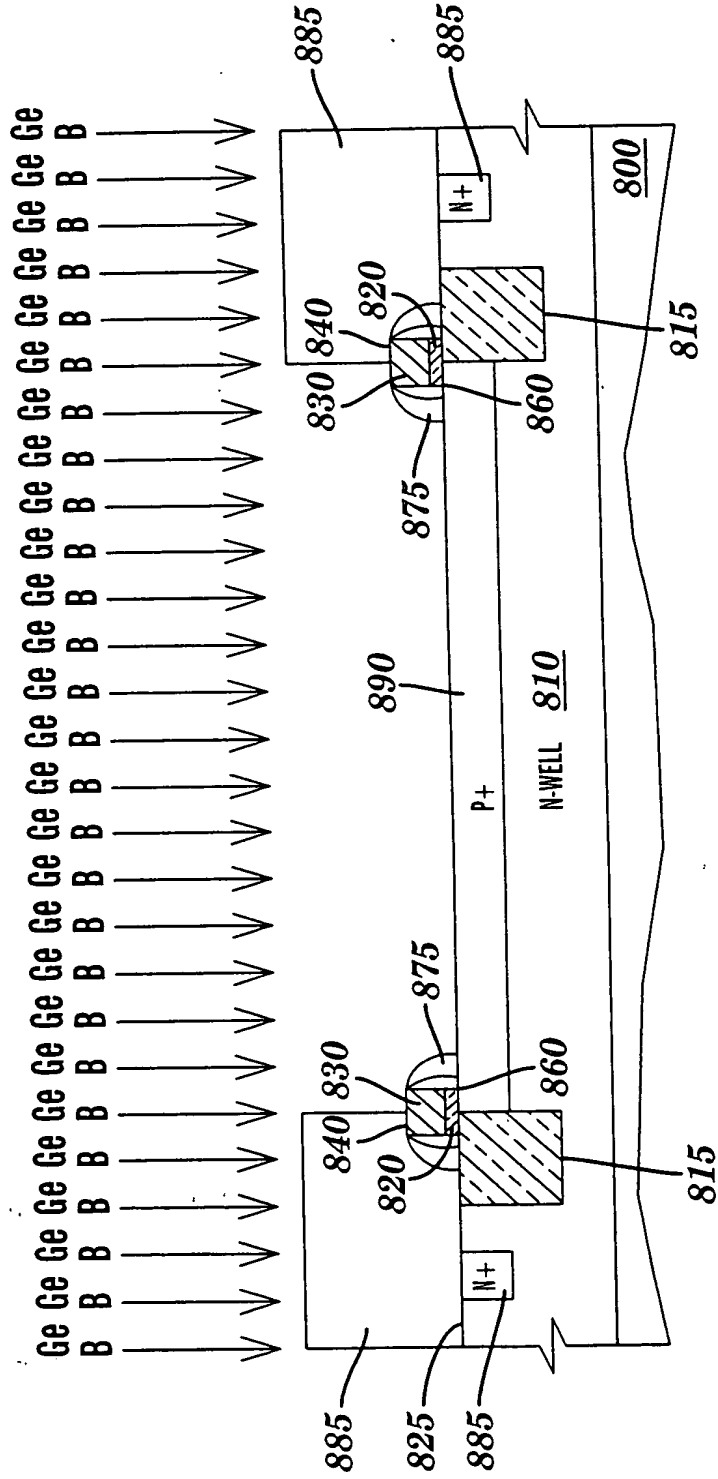


FIG. 15I

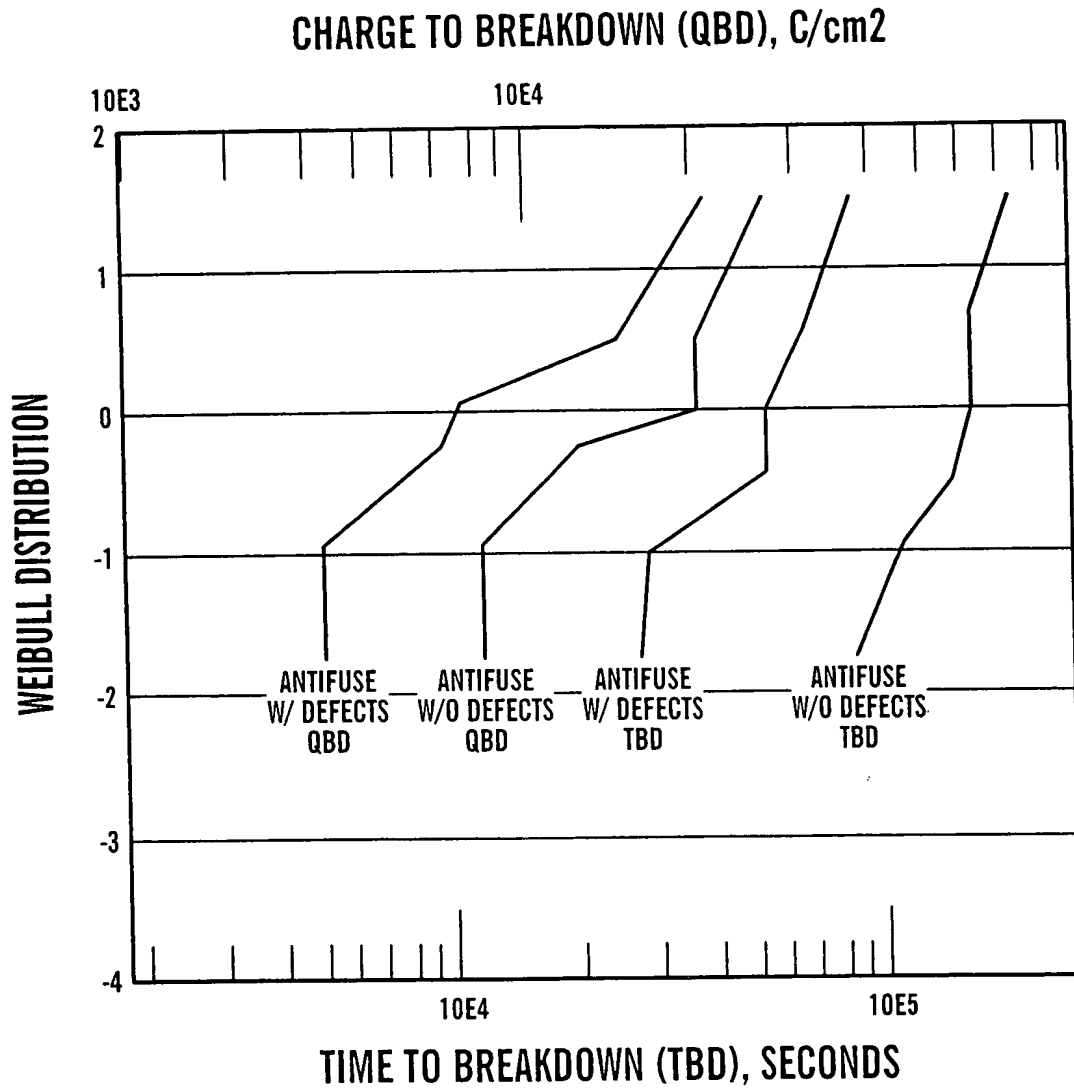


FIG. 16

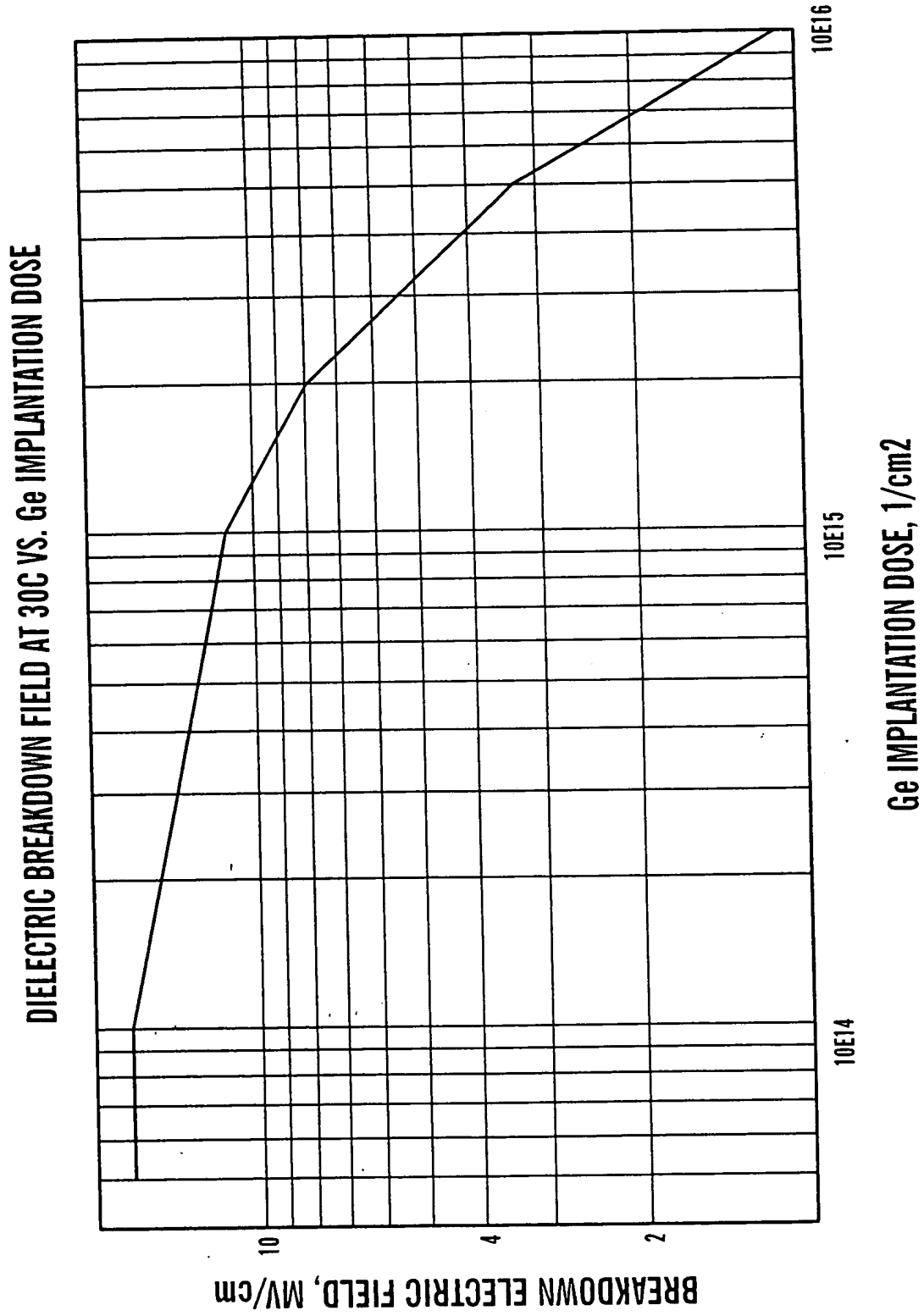


FIG. 17

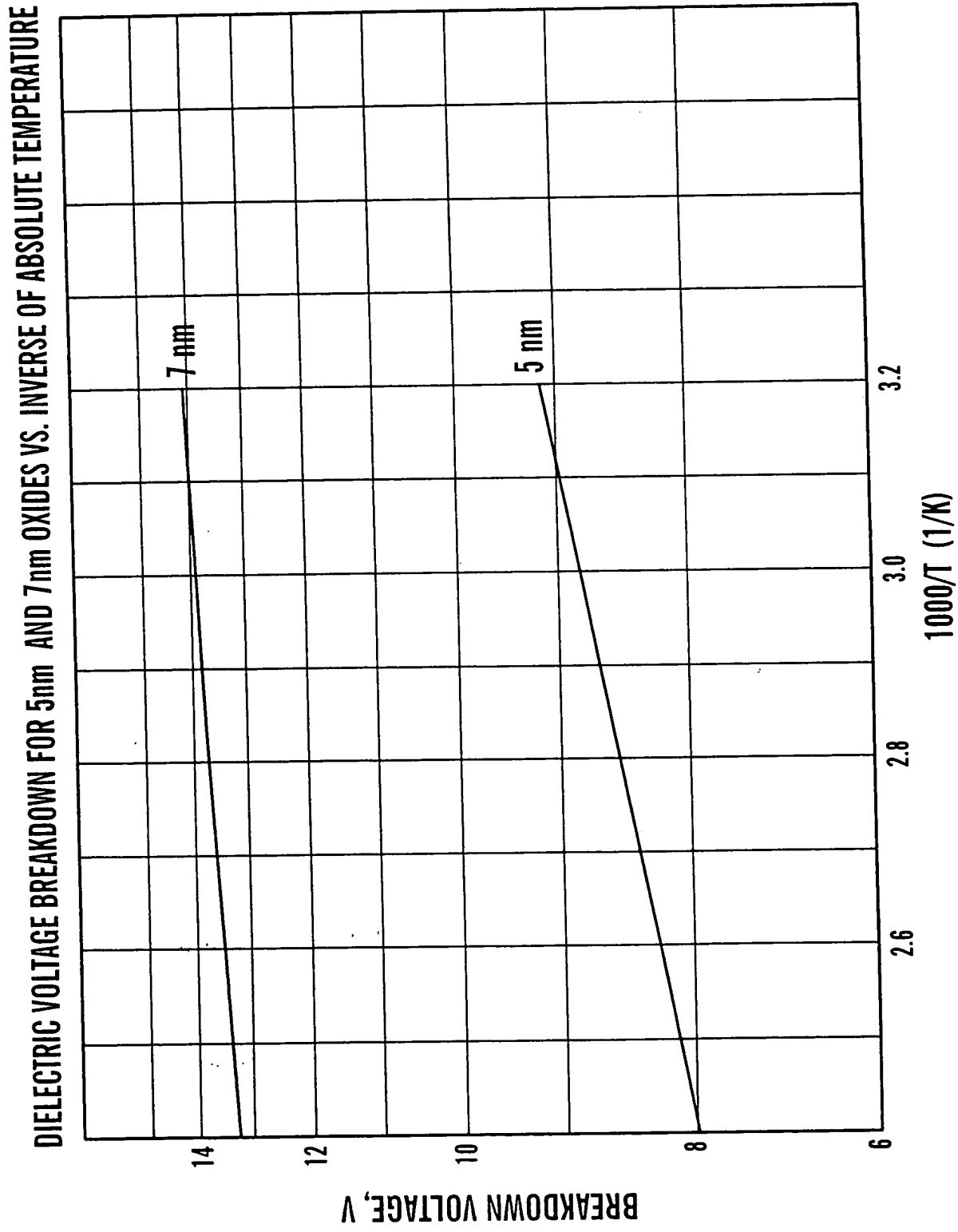


FIG. 18

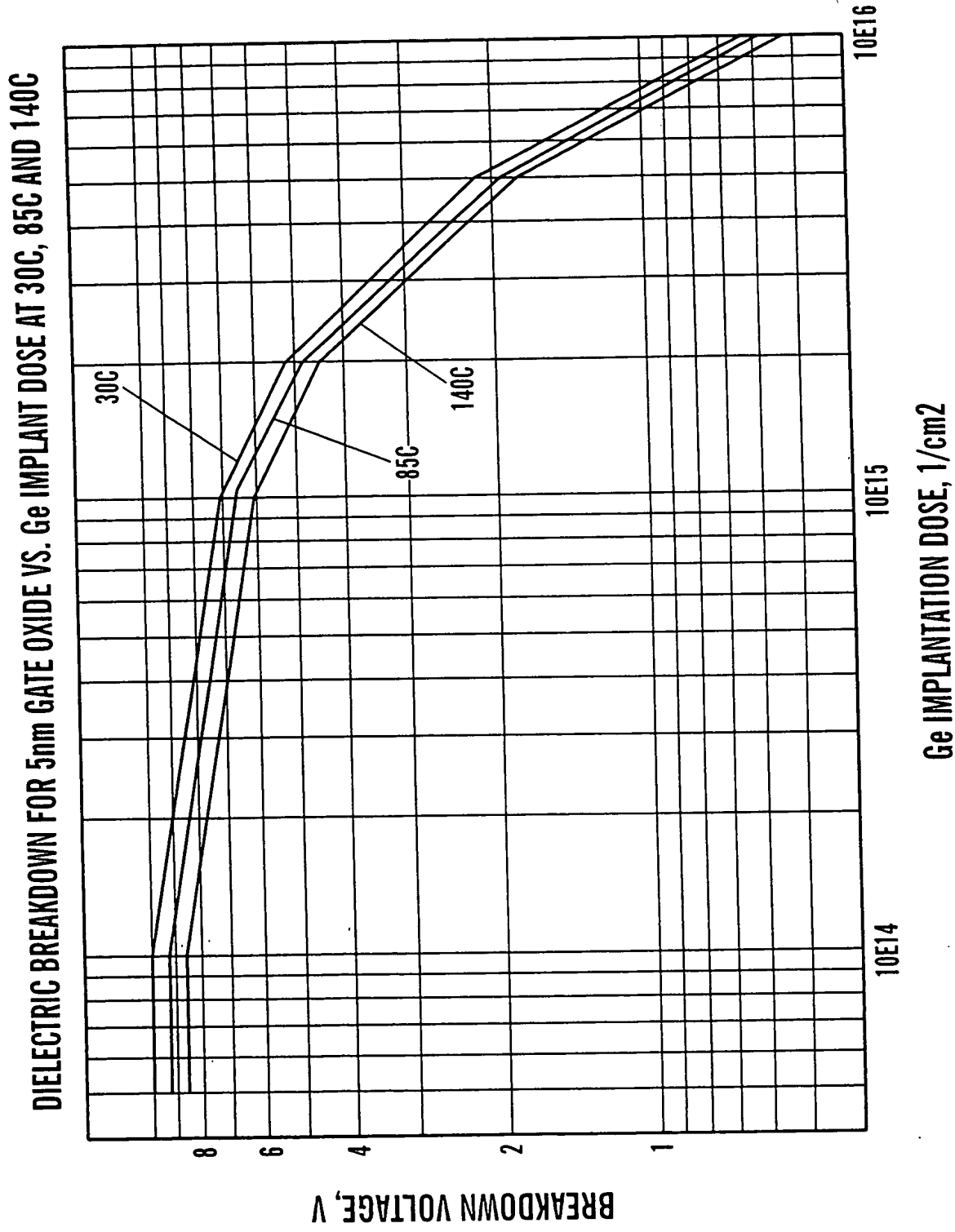


FIG. 19